

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|---|------------------|
| - | 167 | (((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2 | USPAT: US-PGPUB | 2003/09/15 17:17 |
| - | 78 | (((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @ad<19991008 | USPAT: US-PGPUB | 2003/09/15 17:53 |
| - | 76 | (((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @riad<19991008 | USPAT: US-PGPUB | 2003/09/23 11:58 |
| - | 136 | (((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @ad<19991008) or ((((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @riad<19991008) | USPAT: US-PGPUB | 2003/09/21 13:56 |
| - | 127 | (((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @ad<19991008) or ((((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @riad<19991008) and (identify\$3 or identification\$2) | USPAT: US-PGPUB | 2003/09/15 16:51 |
| - | 74 | (((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @ad<19991008) or ((((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @riad<19991008) and (identify\$3 or identification\$2) with (frame\$2 or clip\$2) | USPAT: US-PGPUB | 2003/09/22 11:45 |
| - | 74 | (((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @ad<19991008) or ((((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @riad<19991008) and (identify\$3 or identification\$2) with (frame\$2 or clip\$2) and (identify\$3 or identification\$2) with (frame\$2 or clip\$2) | USPAT: US-PGPUB | 2003/09/16 10:37 |
| - | 74 | (((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @ad<19991008) or ((((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @riad<19991008) and (identify\$3 or identification\$2) with (frame\$2 or clip\$2) and (identify\$3 or identification\$2) with (frame\$2 or clip\$2) | USPAT: US-PGPUB | 2003/09/15 17:17 |
| - | 25 | (((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @ad<19991008) or ((((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @riad<19991008) and (identify\$3 or identification\$2) with (frame\$2 or clip\$2) and (identify\$3 or identification\$2) with (frame\$2 or clip\$2) | USPAT: US-PGPUB | 2003/09/15 17:17 |
| - | 24 | (((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @ad<19991008) or ((((((382/100,305,306) or (345/968) or (379/93,25) or (707/6,102)).CCLS.) and frame\$2 and clip\$2) and @riad<19991008) and (identify\$3 or identification\$2) with (frame\$2 or clip\$2) and (identify\$3 or identification\$2) with (frame\$2 or clip\$2) | USPAT | 2004/09/22 14:24 |
| - | 1 | 6034733.pn. | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/27 12:36 |
| - | 0 | 98/21688 | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 14:24 |
| - | 3 | "9821688" | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 14:41 |
| - | 31824 | track\$3 near\$3 (object\$2 or face\$2 or facial\$2 or hand\$2) | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 14:44 |
| - | 4487 | (track\$3 near\$3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2)) | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 14:43 |

| | | | | |
|---|------|--|---|------------------|
| - | 1679 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 14:43 |
| - | 340 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6) | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 14:44 |
| - | 106 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6)) and (track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2) near3 (image\$2 or frame\$2 or clip\$2 or shot\$2)) | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 15:17 |
| - | 15 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6)) and (track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2) near3 (image\$2 or frame\$2 or clip\$2 or shot\$2))) and author\$3 | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 15:02 |
| - | 106 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6)) and (track\$3 near3 (attribut\$2 or object\$2 or face\$2 or facial\$2 or hand\$2) near3 (image\$2 or frame\$2 or clip\$2 or shot\$2))) | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 15:44 |
| - | 106 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6)) and (track\$3 near3 (attribut\$2 or object\$2 or face\$2 or facial\$2 or hand\$2) near3 (image\$2 or frame\$2 or clip\$2 or shot\$2))) and | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 15:21 |
| - | 51 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6)) and (track\$3 near3 (attribut\$2 or object\$2 or face\$2 or facial\$2 or hand\$2) near3 (image\$2 or frame\$2 or clip\$2 or shot\$2))) and | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 15:20 |
| - | 95 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6)) and (track\$3 near3 (attribut\$2 or object\$2 or face\$2 or facial\$2 or hand\$2) near3 (image\$2 or frame\$2 or clip\$2 or shot\$2))) and | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 15:57 |
| - | 31 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6)) and (track\$3 near3 (attribut\$2 or object\$2 or face\$2 or facial\$2 or hand\$2) near3 (image\$2 or frame\$2 or clip\$2 or shot\$2))) and | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 15:55 |
| - | 2 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6)) and (track\$3 near3 (attribut\$2 or object\$2 or face\$2 or facial\$2 or hand\$2) near3 (image\$2 or frame\$2 or clip\$2 or shot\$2))) and | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 15:56 |
| - | 33 | ((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6 and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6)) and (track\$3 near3 (attribut\$2 or object\$2 or face\$2 or facial\$2 or hand\$2) near3 (image\$2 or frame\$2 or clip\$2 or shot\$2))) and | USPAT; US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 16:01 |

| | | | | |
|---|-------|--|---|------------------|
| - | 33 | (((((track\$3 near3 (object\$2 or face\$2 or facial\$2 or hand\$2)) and (database\$2 or (data adj base\$2))) and segment\$6) and ((image\$2 or frame\$2 or clip\$2 or shot\$2) near2 segment\$6) and (track\$3 near3 (attribut\$2 or object\$2 or face\$2 or facial\$2 or hand\$2) near3 (image\$2 or frame\$2 or clip\$2 or shot\$2))) and (segment\$6 near3 (video\$2 or image\$2 or frame\$2 or clip\$2 or shot\$2))) and (video\$2 or image\$2 or frame\$2 or clip\$2 or shot\$2, ab.) and track\$3, ab.) and (database\$2 or (data adj base\$2)) interlac\$4 or deinterlac\$4 | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/22 16:01 |
| - | 36617 | | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/27 12:43 |
| - | 631 | (interlac\$4 or deinterlac\$4) and database\$2 | USPAT | 2004/09/27 14:01 |
| - | 268 | ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 | USPAT | 2004/09/27 14:01 |
| - | 88 | ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and quer\$3 | USPAT | 2004/09/27 12:39 |
| - | 78 | ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and quer\$3 and @ad<20001006 | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/27 12:39 |
| - | 53 | ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and quer\$3 and @riad<20001006 | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/27 12:39 |
| - | 50 | ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and quer\$3 and @pd<20001006 | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/27 12:39 |
| - | 84 | ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and quer\$3 and @ad<20001006) or ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and quer\$3 and @riad<20001006) or ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and quer\$3 and @pd<20001006) | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/27 12:40 |
| - | 0 | ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and quer\$3 and @ad<20001006) or ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and quer\$3 and @riad<20001006) or ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and quer\$3 and @pd<20001006) and (deinterlac\$4 or (de adj interlac\$4)) | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/27 12:44 |
| - | 4 | ((interlac\$4 or deinterlac\$4) and database\$2) and index\$4 and (deinterlac\$4 or (de adj interlac\$4)) | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/27 15:12 |
| - | 0 | (clip\$2 or shot\$2) with (deinterlac\$4 or (de adj interlac\$4)) | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/27 14:00 |
| - | 145 | (clip\$2 or shot\$2 or frames) with (deinterlac\$4 or (de adj interlac\$4)) | USPAT: US-PGPUB; EPO: JPO; DERWENT | 2004/09/27 14:00 |
| - | 7 | ((clip\$2 or shot\$2 or frames) with (deinterlac\$4 or (de adj interlac\$4))) and database\$2 | USPAT | 2004/09/27 14:01 |
| - | 2 | ((clip\$2 or shot\$2 or frames) with (deinterlac\$4 or (de adj interlac\$4))) and database\$2 and index\$4 | USPAT | 2004/09/27 14:01 |
| - | 5 | ("5737019" "5832120" "5845015" "5875039" "5933537"), PN. | USPAT | 2004/09/27 14:13 |
| - | 3 | 6108448.URPN. | USPAT | 2004/09/27 14:14 |

| | | | | |
|---|----|--|--------------------|------------------|
| - | 8 | ((US-6535639-\$ or US-6462754-\$ or US-6268864-\$ or US-6496981-\$ or US-6366296-\$ or US-6363380-\$ or US-6259828-\$ or US-6157929-\$ or US-6032156-\$ or US-5768447-\$ or US-5729741-\$ or US-5559949-\$ or US-6343298-\$ or US-5708845-\$ or US-5590262-\$ or US-4685003-\$ or US-5821945-\$ or US-5751286-\$ or US-5635982-\$ or US-5969755-\$ or US-6195458-\$ or US-6546185-\$ or US-6310625-\$ or US-6278446-\$ or US-5805733-\$ or US-5835163-\$).did. or (US-5870754-\$).did. or (US-20030005442-\$ or US-20030052906-\$).did.) and nois\$6 | USPAT; US-PGPUB | 2004/09/27 17:37 |
| - | 0 | ((US-6535639-\$ or US-6462754-\$ or US-6268864-\$ or US-6496981-\$ or US-6366296-\$ or US-6363380-\$ or US-6259828-\$ or US-6157929-\$ or US-6032156-\$ or US-5768447-\$ or US-5729741-\$ or US-5559949-\$ or US-6343298-\$ or US-5708845-\$ or US-5590262-\$ or US-4685003-\$ or US-5821945-\$ or US-5751286-\$ or US-5635982-\$ or US-5969755-\$ or US-6195458-\$ or US-6546185-\$ or US-6310625-\$ or US-6278446-\$ or US-5805733-\$ or US-5835163-\$).did. or (US-5870754-\$).did. or (US-20030005442-\$ or US-20030052906-\$).did.) and nois\$6 | USPAT; US-PGPUB | 2004/09/27 17:39 |
| - | 29 | (US-6535639-\$ or US-6462754-\$ or US-6268864-\$ or US-6496981-\$ or US-6366296-\$ or US-6363380-\$ or US-6259828-\$ or US-6157929-\$ or US-6032156-\$ or US-5768447-\$ or US-5729741-\$ or US-5559949-\$ or US-6343298-\$ or US-5708845-\$ or US-5590262-\$ or US-4685003-\$ or US-5821945-\$ or US-5751286-\$ or US-5635982-\$ or US-5969755-\$ or US-6195458-\$ or US-6546185-\$ or US-6310625-\$ or US-6278446-\$ or US-5805733-\$ or US-5835163-\$).did. or (US-5870754-\$).did. or (US-20030005442-\$ or US-20030052906-\$).did.) and nois\$6 | USPAT; US-PGPUB | 2004/09/27 17:38 |
| - | 25 | (US-5969755-\$ or US-6535639-\$ or US-6157929-\$ or US-5768447-\$ or US-5559949-\$ or US-6343298-\$ or US-6310625-\$ or US-6496981-\$ or US-6462754-\$ or US-6268864-\$ or US-5590262-\$ or US-5821945-\$ or US-5751286-\$ or US-5635982-\$ or US-6195458-\$ or US-6453459-\$ or US-6434326-\$ or US-6230295-\$ or US-6546185-\$ or US-6278446-\$ or US-5805733-\$ or US-5793966-\$ or US-6011537-\$ or US-5898833-\$ or US-6108448-\$).did. | USPAT | 2004/09/27 17:39 |
| - | 11 | ((US-5969755-\$ or US-6535639-\$ or US-6157929-\$ or US-5768447-\$ or US-5559949-\$ or US-6343298-\$ or US-6310625-\$ or US-6496981-\$ or US-6462754-\$ or US-6268864-\$ or US-5590262-\$ or US-5821945-\$ or US-5751286-\$ or US-5635982-\$ or US-6195458-\$ or US-6453459-\$ or US-6434326-\$ or US-6230295-\$ or US-6546185-\$ or US-6278446-\$ or US-5805733-\$ or US-5793966-\$ or US-6011537-\$ or US-5898833-\$ or US-6108448-\$).did.) and circuit\$3 | USPAT; US-PGPUB | 2004/09/27 17:41 |
| - | 2 | ((US-5969755-\$ or US-6535639-\$ or US-6157929-\$ or US-5768447-\$ or US-5559949-\$ or US-6343298-\$ or US-6310625-\$ or US-6496981-\$ or US-6462754-\$ or US-6268864-\$ or US-5590262-\$ or US-5821945-\$ or US-5751286-\$ or US-5635982-\$ or US-6195458-\$ or US-6453459-\$ or US-6434326-\$ or US-6230295-\$ or US-6546185-\$ or US-6278446-\$ or US-5805733-\$ or US-5793966-\$ or US-6011537-\$ or US-5898833-\$ or US-6108448-\$).did.) and circuit\$3 | USPAT; US-PGPUB | 2004/09/27 17:42 |
| - | 25 | (US-6011537-\$ or US-6108448-\$ or US-6462754-\$ or US-6268864-\$ or US-6195458-\$ or US-5969755-\$ or US-5635982-\$ or US-6546185-\$ or US-6535639-\$ or US-6496981-\$ or US-6343298-\$ or US-6310625-\$ or US-6278446-\$ or US-6157929-\$ or US-5821945-\$ or US-5805733-\$ or US-5768447-\$ or US-5751286-\$ or US-5590262-\$ or US-5559949-\$ or US-6453459-\$ or US-6434326-\$ or US-6230295-\$ or US-5898833-\$ or US-5793966-\$).did. | USPAT | 2004/09/28 12:20 |
| - | 2 | ((US-6011537-\$ or US-6108448-\$ or US-6462754-\$ or US-6268864-\$ or US-6195458-\$ or US-5969755-\$ or US-5635982-\$ or US-6546185-\$ or US-6535639-\$ or US-6496981-\$ or US-6343298-\$ or US-6310625-\$ or US-6278446-\$ or US-6157929-\$ or US-5821945-\$ or US-5805733-\$ or US-5768447-\$ or US-5751286-\$ or US-5590262-\$ or US-5559949-\$ or US-6453459-\$ or US-6434326-\$ or US-6230295-\$ or US-5898833-\$ or US-5793966-\$).did.) and (interlac\$4 or deinterlac\$3 or (de adj interlac\$3)) | USPAT; US-PGPUB | 2004/09/28 12:21 |